

AMENDMENTS TO THE CLAIMS

Claims 1-6 (Canceled)

Claim 7 (New) A method for manufacturing a hollow model having a hollow part having at least one opening communicating with an outside, comprising:

a core article forming process comprising a padding forming process for forming a padding made of a foamed material (B) and having a size acceptable to the hollow part and a film forming process for applying a film forming component (A) on the padding in order to form a film having an external form similar to said hollow part;

a hollow model forming process that said core article formed in the core article forming process is set in a mold for forming an external form of the hollow model, two-component reaction rapid curing type urethane liquid resin (D) is injected into an interstice between them to be cured, and then the hollow model having the core article inside thereof is formed by demolding;

a padding removing process that organic solvent (E) is injected into the film comprising the film forming component (A) to dissolve and remove the padding comprising the foaming material (B); and

a film removing process that the film from which the padding was removed is pulled up through the opening to remove.

Claim 8 (New) A method for manufacturing a hollow model according to claim 7, wherein said film forming component (A) is preferably flexible reaction curing urethane for injection with 50 to 90 in Shore hardness A, and said foaming material (B) is preferably expanded polystyrene.

Claim 9 (New) A method for manufacturing a hollow model according to claim 8, wherein said two-component reaction curing type urethane liquid resin for injection (D) consists of multi-functional polyol component (F), multi-functional polyisocyanate component (G) and a plasticizer (H), and said plasticizer (e) is micro-dispersed through phase separation within 5 minutes of a working life.

Claim 10 (New) A method for manufacturing a hollow model according to claim 9, wherein said two-component reaction curing type urethane liquid resin (D) has a minute particulate wax component (I) and a very small quantity of moisture (J) at a specific rate to be foamed urethane containing contributed wax minute particles.

Claim 11 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 10.

Claim 12 (New) A precious molding manufactured by a precious molding method according to claim 11.

Claim 13 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 9.

Claim 14 (New) A precious molding manufactured by a precious molding method according to claim 13.

Claim 15 (New) A method for manufacturing a hollow model according to claim 8, wherein said two-component reaction curing type urethane liquid resin (D) has a minute particulate wax component (I) and a very small quantity of moisture (J) at a specific rate to be foamed urethane containing contributed wax minute particles.

Claim 16 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 15.

Claim 17 (New) A precious molding manufactured by a precious molding method according to claim 16.

Claim 18 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 8.

Claim 19 (New) A method for manufacturing a hollow model according to claim 7, wherein said two-component reaction curing type urethane liquid resin for injection (D) consists of multi-functional polyol component (F), multi-functional polyisocyanate component (G) and a plasticizer (H), and said plasticizer (e) is micro-dispersed through phase separation within 5 minutes of a working life.

Claim 20 (New) A method for manufacturing a hollow model according to claim 19, wherein said two-component reaction curing type urethane liquid resin (D) has a minute particulate wax component (I) and a very small quantity of moisture (J) at a specific rate to be foamed urethane containing contributed wax minute particles.

Claim 21 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 20.

Claim 22 (New) A precious molding manufactured by a precious molding method according to claim 21.

Claim 23 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 19.

Claim 24 (New) A method for manufacturing a hollow model according to claim 7, wherein said two-component reaction curing type urethane liquid resin (D) has a minute particulate wax component (I) and a very small quantity of moisture (J) at a specific rate to be foamed urethane containing contributed wax minute particles.

Claim 25 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 24.

Claim 26 (New) A precious molding method by a lost wax method characterized by using said hollow model manufactured by a method for manufacturing a hollow model according to claim 7.